228   memory adj controller with directory with   USPAT; USPAGUM; EPO; JPO; JPO; INM_TOB   USPAT; USPAGUM; EPO; JPO; JPO; INM_TOB   USPAT; USPAGUM; EPO; JPO; INM_TOB   USPAT; USPAGUM; EPO; JPO; US					
11074141   wad<20001031   memory adj controller with directory with system adj memory) and wad<20001031   memory with global with cache   memory with ownership   memory with global with cache   memory with ownership   memory with directory with system adj memory   memory   memory with system adj memory	_	28	1 3	US-PGPUB;	2004/06/15 20:46
11074143   wad-20001031   USPAT; US-PGPUB; REPO, JPO; IBM_TIB system adj memory) and Sad<20001031   USPAT; US-PGPUB; EPO, JPO; IBM_TIB System adj memory) with global with cache uith ownership   USPAT; US-PGPUB; EPO, JPO; IBM_TIB SPO; JPO; IBM_T					
US-POPUB;   NPO;   JPO;   IBM_TDB   USPAT;   US-POPUB;   EPO;   JPO;   IBM_TDB   USPAT;   U		11074142	end :00001021	_	0001/05/05 00 00
10	_	110/4143	@ad<20001031		2004/06/15 20:36
10				,	
10   (memory adj controller with directory with system adj memory) and %adc20001031   USPAT; USPAT					
System adj memory) and &adc20001031   US-EGFUB; EPG, JPG; IBM TIDB USPAT; US-PGPUB; EPG, JPG; IPG; JPG	_	10	(memory adj controller with directory with	_	2004/06/15 20:41
192   (list or directory) with global with cache   SPAT;   US-PGPUB;   EPO; JPO;   IBM TDB   2004/06/15 20:42					=====================================
192   (list or directory) with global with cache with ownership   (list or directory) with global with cache with ownership   (list or directory) with global with cache with ownership   (list adj "not" adj containing   (list adj "not" adj "n					
US-RCDING   EPO; JPO; IBM TDB   2004/06/15 20:54   EPO; JPO; IBM TDB   2004/06/15 20:54   EPO; JPO; IBM TDB   2004/06/15 20:54   EPO; JPO; IBM TDB   2004/06/15 20:46   EPO; JPO; IBM TDB   2004/06/15 20:47   EPO; JPO; IBM TDB   2004/06/15 20:47   EPO; JPO; IBM TDB   EPO; JPO;					
Controller with directory with system adj   Septing	-	192	(list or directory) with global with cache	1	2004/06/15 20:42
18M TDB   18M				•	
3   (list or directory) with global with cache with ownership   0   1   1   1   1   1   1   1   1   1				1	
with ownership	_	3	(list or directory) with global with cache		2004/06/15 20.54
Controller with directory with system adj   Sept					2004/06/15 20:54
1					
1					
- 0 only adj when adj ownership	-	0	list adj "not" adj containing	_	2004/06/15 20:46
18M TDB				US-PGPUB;	
2004/06/15 20:46   2004/06/15 20:46   2004/06/15 20:46   2004/06/15 20:47   2004/06/15				EPO; JPO;	
144		_	only add when add assessed a	_	
- 44 controller with directory with system adj	-	0	only adj when adj ownership		2004/06/15 20:46
Controller with directory with system adj   SEAT; US-PGPUB; EPO; JPO; IBM TDB   SEAT; US-PGPUB; EPO; JPO; JPO; IBM TDB   SEAT; US-PGPUB; EPO; JPO; JPO; IBM TDB   SEAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J					
44   controller with directory with system adj   USPĀT;   2004/06/15 20:47   USPĀT;   USPĀT				1	
	_	44	controller with directory with system adi		2004/06/15 20:47
22					2004/00/13 20.4/
TBM TDB   18P			•		
With system adj memory    US-PGPUB; EPO; JPO; IBM_TDB   USPAT; US-PGPUB; EPO; JPO;		İ		1	
12	-	22		USPAT;	2004/06/15 20:47
12			with system adj memory)	1	
12				1 .	
with system adj memory) not ((memory adj controller with directory with system adj memory) and @ad<20001031)   EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	_	12	(@ad.20001031 and (gontrollor with directors		2004/06/15 00 45
Controller with directory with system adj memory) and @ad<20001031)		12	with system add memory) not (memory add	1	2004/06/15 20:47
Bemory   and @ad<2001031   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO; IBM_TDB			controller with directory with system adi	1	
Coherency adj directory) same ownership   USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT;			memory) and @ad<20001031)		
Ownership  ((list or directory) with global with ownership) not ((list or directory) with global with ownership) not ((list or directory) with global with cache with ownership)  (coherency adj directory) same ownership  (coherency adj direc	-	8	(list or directory) with global with	_	2004/06/15 20:54
TIM TDB   USPAT;   US-PGPUB;   EPO; JPO;   IBM TDB   USPAT;   US-PGPUB;   IBM TDB   USPA			ownership		
1074143					
Ownership) not ((list or directory) with global with cache with ownership)  1 6067603.pn. and (list or directory)  6 (coherency adj directory) same ownership  1 1074143 @ad<20001031  2004/06/15 21:01  US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_T	_		(/ligh on dimensions) with all the light		
Global with cache with ownership)	_	)	ownership) not ((list or directory) with	i ·	2004/06/15 20:54
TBM_TDB					
1 6067603.pn. and (list or directory)  6 (coherency adj directory) same ownership  1 1074143 @ad<20001031  2 004/06/15 21:01  1 1074143 @ad<20001031  4 ((coherency adj directory) same ownership) and @ad<20001031  3 09 directory adj based and cache adj coherency  1 1074143 directory adj based with cache adj coherency  1 1074143 [EPO; JPO; IBM_TDB] (JSPAT; US-PGPUB; EPO; JPO; JSPAT; US-PGPUB; EPO; JSPO; JSPO			Janes and adding a rotal contentity		
- 6 (coherency adj directory) same ownership  - 11074143 @ad<20001031  - 11074143 @ad<20001031  - 4 ((coherency adj directory) same ownership) - 309 directory adj based and cache adj coherency  - 164 directory adj based with cache adj coherency  - 164 directory adj based with cache adj coherency  - 164 directory adj based with cache adj coherency  - 164 directory adj based with cache adj coherency  - 164 directory adj based with cache adj coherency  - 165 directory adj based with cache adj coherency  - 166 directory adj based with cache adj coherency  - 167 directory adj based with cache adj coherency  - 168 directory adj based with cache adj coherency  - 169 directory adj based with cache adj coherency  - 169 directory adj based with cache adj coherency  - 160 directory adj based with cache adj coherency	-	1	6067603.pn. and (list or directory)		2004/06/15 21:01
EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J			- · · · · · · · · · · · · · · · · · · ·		,,
Coherency adj directory) same ownership					
11074143			/ashanan		
- 11074143 @ad<20001031	_	6	(conerency adj directory) same ownership		2004/06/15 21:02
- 11074143 @ad<20001031			•		
- 11074143 @ad<20001031 USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; us-PGPUB; EPO; JPO; JPO; JPO; JPO; us-PGPUB; EPO; us-PG				•	
4 ((coherency adj directory) same ownership) and @ad<20001031  - 309 directory adj based and cache adj coherency  directory adj based with cache adj coherency  - 164 directory adj based with cache adj coherency  US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	_	11074143	@ad<20001031		2004/06/15 21.02
- 4 ((coherency adj directory) same ownership ) and @ad<20001031  - 309 directory adj based and cache adj coherency  directory adj based with cache adj coherency  - 164 directory adj based with cache adj coherency  directory adj based with cache adj coherency  EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; JPO; US-PGPUB; EPO; JPO;				-	2001/00/15 21:02
4 ((coherency adj directory) same ownership) and @ad<20001031  309 directory adj based and cache adj coherency  directory adj based with cache adj coherency  164 directory adj based with cache adj coherency  164 directory adj based with cache adj coherency  165 directory adj based with cache adj coherency  166 directory adj based with cache adj coherency  167 directory adj based with cache adj coherency  168 directory adj based with cache adj coherency  169 directory adj based with cache adj coherency  160 directory adj based with cache adj coherency					
and @ad<20001031  US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;					
directory adj based and cache adj coherency  directory adj based and cache adj coherency  directory adj based with cache adj coherency  directory adj based with cache adj coherency  directory adj based with cache adj coherency  EPO; JPO;  US-PGPUB;  EPO; JPO;  US-PGPUB;  EPO; JPO;  JPO;  DIM_TDB  USPAT;  US-PGPUB;  EPO; JPO;  DIM_TDB  USPAT;  US-PGPUB;  EPO; JPO;	-	4		· ·	2004/06/17 19:44
directory adj based and cache adj coherency  directory adj based and cache adj coherency  directory adj based with cache adj coherency  US-PGPUB; US-PGPUB; EPO; JPO;  Daylor TDB USPAT; US-PGPUB; EPO; JPO;			and @ad<20001031		
directory adj based and cache adj coherency USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;			·		
US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;		309	directory adi based and cache adi coherence		2004/06/15 21 22
- 164 directory adj based with cache adj coherency USPAT; US-PGPUB; EPO; JPO; DPO; USPO; U		509	arrectory and bused and cache and concreticy	·	2004/06/15 21:08
- l64 directory adj based with cache adj coherency   IBM_TDB USPAT; US-PGPUB; EPO; JPO;   EPO; JPO;					
- 164 directory adj based with cache adj coherency USPAT; US-PGPUB; EPO; JPO;					
US-PGPUB; EPO; JPO;	-	164	directory adj based with cache adj coherency	USPAT;	2004/06/15 21:08
IBM TDB					
		L		1BM TDB	

-	136	directory adj based adj cache adj coherency	USPAT; US-PGPUB;	2004/06/15 21:09
			EPO; JPO;	
_	13900	(directory adj based adj cache adj	IBM_TDB USPAT;	2004/06/15 21:09
	13300	coherency) same owner or ownership	US-PGPUB;	2004/00/13 21:09
		constant, same smet of smething	EPO; JPO;	
			IBM TDB	
-	15	(directory adj based adj cache adj	USPAT;	2004/06/15 21:09
		coherency) same (owner or ownership)	US-PGPUB;	ŀ
			EPO; JPO;	
	9	0-4 00001001 1 (/ 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	IBM_TDB	
_	9	@ad<20001031 and ((directory adj based adj cache adj coherency) same (owner or	USPAT;	2004/06/15 21:10
	1	ownership))	US-PGPUB; EPO; JPO;	
		o.mozbiizp, ,	IBM TDB	
_	43443	directory	USPAT;	2004/06/15 21:10
	İ		US-PGPUB;	
			EPO; JPO;	
		(0.1.00000000	IBM_TDB	
-	9	(director) and (director) adj based	USPAT;	2004/06/15 21:10
		adj cache adj coherency) same (owner or ownership))) and directory	US-PGPUB;	
		Ownership))) and directory	EPO; JPO; IBM TDB	
-	0	6067603.pn. and (ownership or owner)	USPAT;	2004/06/15 21:34
1			US-PGPUB;	, 25, 25, 25, 34
			EPO; JPO;	
			IBM_TDB	
] -	446	cache and ((owner or ownership) with bit)	USPAT;	2004/06/16 13:20
			US-PGPUB;	
			EPO; JPO; IBM TDB	
_	1434	numa or cc-numa	USPAT;	2004/06/16 13:19
			US-PGPUB;	2004/00/10 13:19
			EPO; JPO;	
			IBM_TDB	
_	72	(cache and ((owner or ownership) with bit) )	USPAT;	2004/06/16 13:20
		and (numa or cc-numa)	US-PGPUB;	
			EPO; JPO;	
_	157	cache same ((owner or ownership) with bit)	IBM_TDB USPAT;	2004/06/16 13:20
		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	2004/00/10 13.20
			EPO; JPO;	
			IBM_TDB	
-	18	(numa or cc-numa) and (cache same ((owner or	USPAT;	2004/06/16 13:20
		ownership) with bit) )	US-PGPUB;	
1			EPO; JPO; IBM TDB	
_	11074143	@ad<20001031	USPAT;	2004/06/16 13:20
	[ i		US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	10	((numa or cc-numa) and (cache same ((owner	USPAT;	2004/06/16 13:26
1		or ownership) with bit) )) and @ad<20001031	US-PGPUB;	
			EPO; JPO; IBM TDB	
_	75	coherence adj directory	USPAT;	2004/06/16 16:14
		*	US-PGPUB;	10.14
	]		EPO; JPO;	
-			IBM_TDB	
_	1059	cache with (owner or ownership)	USPAT;	2004/06/16 13:34
			US-PGPUB;	
			EPO; JPO; IBM TDB	
_	ا و	(numa or cc-numa) and (coherence adj	USPAT;	2004/06/16 13:28
		directory) and (cache with (owner or	US-PGPUB;	
		ownership))	EPO; JPO;	
	_	1	IBM_TDB	
_	7	@ad<20001031 and ((numa or cc-numa) and	USPAT;	2004/06/16 13:28
		<pre>(coherence adj directory) and (cache with (owner or ownership)))</pre>	US-PGPUB; EPO; JPO;	
		(Owner or Ownership)))	IBM TDB	
	L			

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-	38	(coherence adj directory) and (cache with (owner or ownership))	USPAT; US-PGPUB; EPO; JPO;	2004/06/16 13:35
			IBM TDB	
-	11	@ad<20001031 and ((coherence adj	USPAT;	2004/06/16 13:35
		directory) and (cache with (owner or	US-PGPUB;	, ,
		ownership)))	EPO; JPO;	
	_		IBM_TDB	
-	70	global adj coherency	USPAT;	2004/06/16 16:12
			US-PGPUB;	
			EPO; JPO; IBM TDB	
_	11074143	@ad<20001031	USPAT;	2004/06/16 16:13
			US-PGPUB;	
			EPO; JPO;	1
	1.0		IBM_TDB	1
-	40	(global adj coherency) and @ad<20001031	USPAT;	2004/06/16 16:13
			US-PGPUB; EPO; JPO;	
			IBM TDB	
-	75	coherence adj directory	USPAT;	2004/06/16 16:14
		-	US-PGPUB;	
			EPO; JPO;	
1_	0	(/alobal add gobarnary) and ord constant )	IBM_TDB	2004/05/55
_		((global adj coherency) and @ad<20001031 ) and (coherence adj directory)	USPAT;	2004/06/16 16:14
		and (concrence adjustectory)	US-PGPUB; EPO; JPO;	
	1		IBM TDB	
-	43443	directory	USPAT;	2004/06/16 16:14
			US-PGPUB;	
			EPO; JPO;	
_	33	((alohal adi cohorongu) and end anggarat	IBM_TDB	2004/05/15 15 15
	33	((global adj coherency) and @ad<20001031 ) and directory	USPAT; US-PGPUB;	2004/06/16 16:24
			EPO; JPO;	
			IBM_TDB	
-	252	global adj directory	USPAT;	2004/06/16 17:04
			US-PGPUB;	
			EPO; JPO;	
_	514	(((evict\$6 or flush\$6 or replac\$6 or	IBM_TDB USPAT;	2004/06/16 16:29
		overwrit\$4) same cache) same (time\$2 or	US-PGPUB;	2001/00/10 10:29
	ĺ	(clock adj cycle\$))) and ((evict\$6 or	EPO; JPO;	
		flush\$6 or replac\$6 or overwrit\$4) same	IBM_TDB	
		(cache adj replacement))	Hansa	2004/05/25 55 55
-	2	(global adj directory) and ((((evict\$6 or flush\$6 or replac\$6 or overwrit\$4) same	USPAT; US-PGPUB;	2004/06/16 16:30
		cache) same (time\$2 or (clock adj cycle\$)))	EPO; JPO;	
1		and ((evict\$6 or flush\$6 or replac\$6 or	IBM TDB	
		overwrit\$4) same (cache adj replacement)))	_	
] -	2	@ad<20001031 and ((global adj directory)	USPAT;	2004/06/16 16:31
		and ((((evict\$6 or flush\$6 or replac\$6 or	US-PGPUB;	
		overwrit\$4) same cache) same (time\$2 or (clock adj cycle\$))) and ((evict\$6 or	EPO; JPO; IBM TDB	
		flush\$6 or replac\$6 or overwrit\$4) same	TEN-TINE	
		(cache adj replacement))))		
-	75	(global adj directory) and (fill or filled)	USPAT;	2004/06/16 16:31
			US-PGPUB;	
			EPO; JPO;	
_	0	(global adj directory) with (fill or filled)	IBM_TDB	2004/05/35 35 35
	١	(grobal adj directory) with (lill of filled)	USPAT; US-PGPUB;	2004/06/16 16:31
	]		EPO; JPO;	
			IBM_TDB	
-	1	(global adj directory) same (fill or filled)	USPĀT;	2004/06/16 16:34
	İ		US-PGPUB;	
			EPO; JPO;	
]	905622	fill or filled	IBM_TDB USPAT;	2004/06/16 16:34
	203022	01 111100	US-PGPUB;	2004/00/10 10:34
			EPO; JPO;	
			IBM_TDB	
				· · · · · · · · · · · · · · · · · ·

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-	1569091	full or fill or filled	USPAT; US-PGPUB; EPO; JPO;	2004/06/16 16:34
-	342	((((evict\$6 or flush\$6 or replac\$6 or overwrit\$4) same cache) same (time\$2 or (clock adj cycle\$))) and ((evict\$6 or	IBM_TDB USPAT; US-PGPUB;	2004/06/16 16:34
		flush\$6 or replac\$6 or overwrit\$4) same (cache adj replacement))) and (full or fill or filled)	EPO; JPO; IBM_TDB	
-	110	1	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/16 16:35
-	76	and (full or fill or filled)) @ad<20001031 and (directory and (((((evict\$6 or flush\$6 or replac\$6 or overwrit\$4) same cache) same (time\$2 or (clock adj cycle\$))) and ((evict\$6 or flush\$6 or replac\$6 or overwrit\$4) same (cache adj replacement))) and (full or fill or filled)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/16 16:35
-	0	1	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/16 16:35
-	1		USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/16 16:37
-	49	updat\$3 with directory with ownership	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/06/16 16:37
-	30	@ad<20001031 and (updat\$3 with directory with ownership)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/06/16 17:01
-	29	updating with ownership with only	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/06/16 17:01
_	2	(global adj directory) with updating	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/06/16 17:05
-	9	US-5875468-\$.DID. OR US-6105113-\$.DID. OR US-5175837-\$.DID. OR US-6304945-\$.DID. OR US-6574710-\$.DID. OR US-6289419-\$.DID. OR US-532504-\$.DID. OR US-5991819-\$.DID. OR US-542504-\$.DID. OR US-5991819-\$.DID. OR	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/17 17:39
-	4	US-6438659-\$.DID. ((coherency adj directory) same ownership) and @ad<20001031	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/06/17 19:44
-	3	global adj coherency adj filter	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/06/18 15:27
_	3	global with coherency adj filter	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/18 15:27

	3	global with coherency adj filter\$3	USPAT;	2004/06/18 15:33
		g	US-PGPUB;	
			EPO; JPO;	[
			IBM TDB	
_	14	(coherence adj directory) same tag	USPAT;	2004/06/18 15:34
		(00110201100 010) 0100000-1, 0111110	US-PGPUB;	. ,
			EPO; JPO;	
			IBM TDB	,
_	11074144	@ad<20001031	USPAT;	2004/06/18 15:34
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
_	12	((coherence adj directory) same tag) and	USPAT;	2004/06/18 15:34
		@ad<20001031	US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
_	403	711/119.ccls.	USPAT;	2004/06/21 19:20
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
_	859	711/141.ccls.	USPAT;	2004/06/21 19:20
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	779	711/144.ccls.	USPAT;	2004/06/21 19:20
1			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	575	711/145.ccls.	USPAT;	2004/06/21 19:20
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	

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